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CLAIMS

- 1. Use of Tetrabromobisphenol A (TBBA) or a homologue or a derivative thereof, as an anti-fungal wood preservative active ingredient..
- 2. Use according to claim 1, wherein the homologues are selected from Tetrabromobisphenol E, Tetrabromobisphenol F, Tetrabromobisphenol Z and Tetrabromobisphenol S.
- 3. Use according to claim 1 or 2, wherein TBBA or a homologue of TBBA is substituted by a substituent other than bromine, either on one or both phenyl rings, or at the bridge.
- 4. Use according to claim 1, wherein TBBA or its homologue or derivative is solubilized in an organic or aqueous solvent.
- 5. Use according to claim 4, wherein the solvent is an organic solvent selected from alcohols, e.g. ethanol, hydrocarbons, toluene and ketones.
- 6. Use according to claim 4, wherein the solution comprises, in addition to water, sodium hydroxide (NaOH), and sodium dithionite (Na₂S₂O₄).

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- 7. Use according to claim 1, wherein the TBBA or its homologue or derivative is provided in an emulsion.
- 8. Use according to claim 7, wherein the emulsion comprises, in addition to water, Butyl Lactate, and NP-15.
- 9. Use according to claim 6 or 8, wherein the concentration of TBBA, or an homologue or derivative thereof is up to 40% (W/W).
- 10. Use according to claim 9, wherein the concentration of TBBA, or an homologue or derivative thereof, is in the range of 0.01% -20% (W/W).
- 11. A fungicidal wood preservative composition comprising an active ingredient selected from Tetrabromobisphenol A (TBBA) and homologues and derivatives thereof.
- 12. A composition according to claim 11, wherein the homologues are selected from Tetrabromobisphenol E, Tetrabromobisphenol F, Tetrabromobisphenol Z and Tetrabromobisphenol S.
- 13. A composition according to claim 11 or 12, wherein TBBA or a homologue of TBBA is substituted by a substituent other than bromine, either on one or both phenyl rings, or at the bridge.

- 14. A composition according to claim 11, wherein TBBA or its homologue or derivative is solubilized in an organic or aqueous solvent.
- 15. A composition according to claim 14, wherein the solvent is an organic solvent selected from alcohols, e.g. ethanol, hydrocarbons, toluene and ketones.
- 16. A composition according to claim 14, wherein the solution comprises, in addition to water, sodium hydroxide (NaOH), and sodium dithionite (Na₂S₂O₄).
- 17. A composition according to claim 11, wherein the TBBA or its homologue or derivative is provided in an emulsion.
- 18. A composition according to claim 17, wherein the emulsion comprises, in addition to water, Butyl Lactate, and NP-15.
- 19. A composition according to claims 16 or 18, wherein the concentration of TBBA, or an homologue or derivative thereof is up to 40% (W/W).

- 20. A composition according to claim 11, wherein the concentration of TBBA, or an homologue or derivative thereof, is in the range of 0.01% 20% (W/W).
- 21. A fungicidal wood preservative according to claim 11, comprising TBBA, or an homologue or derivative thereof, as the active ingredient.
- 22. A method for preserving wood, comprising impregnating wood with a solution comprising a compound according to claim 11 as an active ingredient.
- 23. A method for preserving wood, comprising impregnating wood with a composition according to any one of claims 11 to 21, wherein the specimens have been pressure-treated.
- 24. A wood product, preserved by impregnation with a compound according to claim 11.